

State of Alaska  
Department of Fish and Game  
Nomination for Waters  
Important to Anadromous Fish

Region SOUTHWEST

USGS Quad Afognak B-1

Anadromous Water Catalog Number of Waterway 251-22-10080-2094

Name of Waterway  ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

<p>Nomination # <span style="color: red; font-size: 1.2em;">97 013</span></p> <p>Revision Year: <span style="color: red; font-size: 1.2em;">-97</span></p> <p>Revision to: Atlas <span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px;"></span> Catalog <span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px;"></span></p> <p style="text-align: center;">Both</p> <p>Revision Code: <span style="color: red; font-size: 1.2em;">A-2 E-9</span></p>	<div style="text-align: center;"><p>Regional Supervisor</p><p>AWC Project Biologist</p><p>Drafted</p></div> <div style="text-align: right;"><p><span style="color: blue; font-size: 1.2em;">11/4/95</span> Date</p><p><span style="color: blue; font-size: 1.2em;">12/6/96</span> Date</p><p><span style="color: blue; font-size: 1.2em;">12/10/96</span> Date</p></div>
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OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho	7/18/96	Probable	Yes	Yes	<input checked="" type="checkbox"/>
Dolly Varden	7/18/96	Probable	Yes	Yes	<input checked="" type="checkbox"/>
Rainbow/Steelhead	7/18/96	Probable	Yes	Yes	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

**IMPORTANT:** Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: During the course of a Forest Practices inspection, we sampled this drainage with a Smith-Root battery-powered electrofisher from the Unit 608 spur road downstream past a very steep series of sheetflow chutes to a large deep plunge pool. No fish were collected upstream of the plunge pool; the pool itself was densely inhabited by at least three salmonid species: coho salmon, rainbow/steelhead trout, and Dolly Varden (see attached survey form). We ceased electrofishing after we collected 12 specimens as we were concerned about physical damage to the large rainbows/steelheads and as we had one mortality (coho salmon). The Pauls/Laura/Gretchen stream system, 1/8 mile below this sampling point, is known to support anadromous Dolly Varden and steelhead trout. As the presence of coho salmon demonstrates this site is accessible by anadromous fish, I believe we should also consider the observed Dolly Varden and rainbow/steelhead as anadromous.

MOST OR ALL OF STREAM FLOWS THROUGH UNIT 608 (WITHOUT BUFFER). UNIT HARVESTED IN 1992.

Name of Observer (please print)

Michael Wiedmer, Habitat Biologist

Date: 12/4/96

Signature:

Address:

Alaska Department of Fish and Game  
333 Raspberry Road, Anchorage, AK 99518

ALASKA DEPT. OF  
FISH & GAME

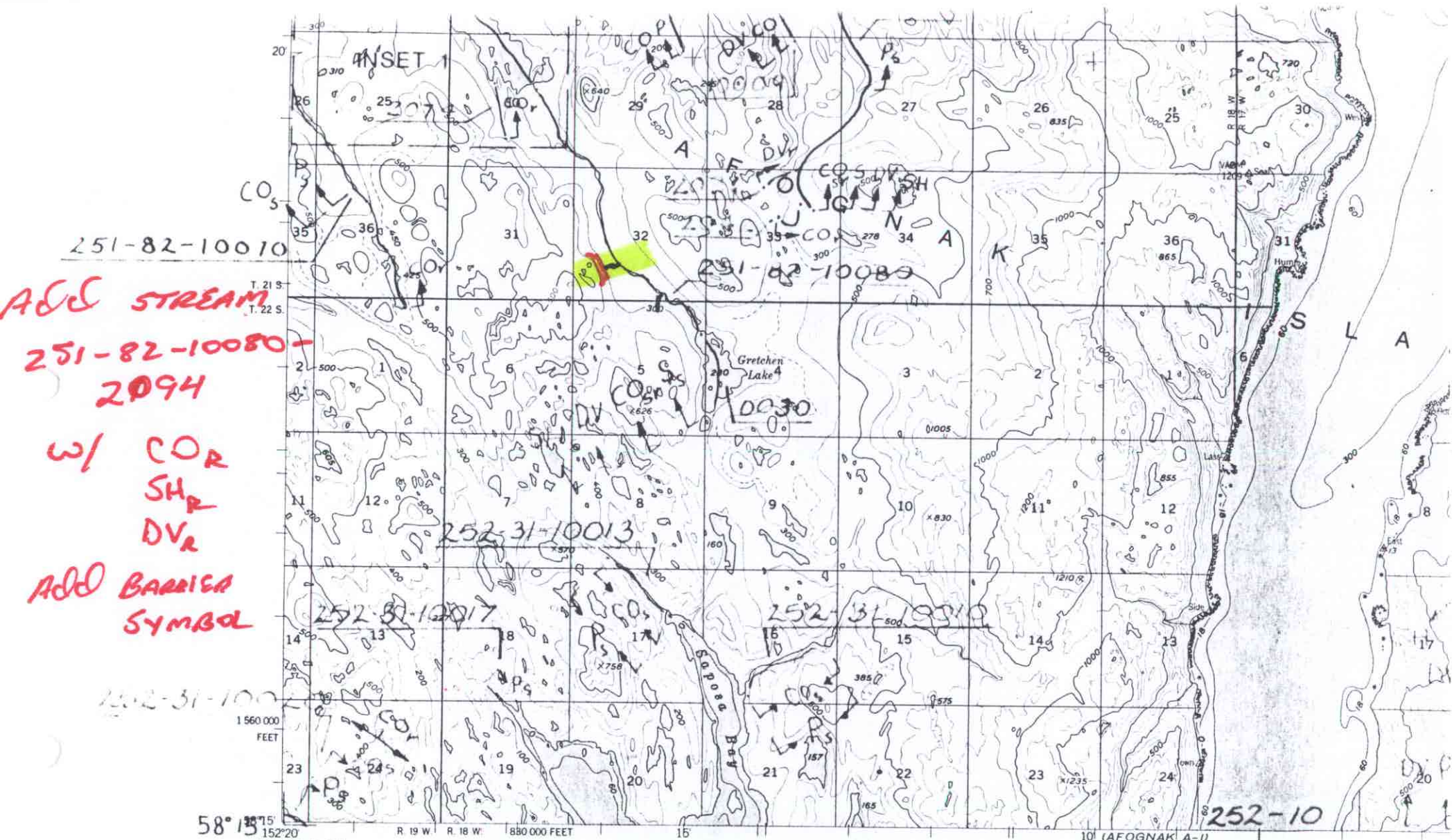
DEC 6 5 1996

REGION II  
HABITAT AND RESTORATION  
DIVISION

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist:

Revision 11/96

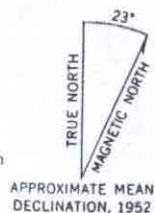


Map edited, and published by the Geological Survey  
Control by USC&GS and USCE  
Topography by photogrammetric methods from aerial photographs  
taken 1951 and 1952. Map not field checked

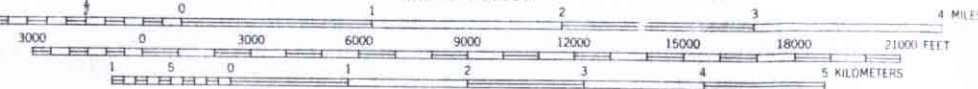
Selected hydrographic data compiled from USC&GS  
Chart 8533 (1952). This information is not intended  
for navigational purposes

Universal Transverse Mercator projection, 1927 North American datum  
10,000-foot grid based on Alaska coordinate system, zone 5  
1000 meter Universal Transverse Mercator grid ticks,  
zone 5, shown in blue

Land lines represent unsurveyed and unmarked locations  
predetermined by the Bureau of Land Management  
Folio S-23, Seward Meridian



SCALE 1:63360



CONTOUR INTERVAL 100 FEET  
DASHED LINES REPRESENT 50-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES IN FEET-DATUM IS MEAN LOWER LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 9 FEET

## FISH HABITAT SURVEY FORM

Rev. 7/9/96

SURVEY AREA: AFOGNAK PONCOR GRETCHEN LAURA LAKESTATION NO: \_\_\_\_\_ DATE: 7/18/96 TIME: 1300OBSERVERS: NW, WW, LH, RJ TEAM: A B STREAM NO: \_\_\_\_\_

GPS COORDINATES: Lat. \_\_\_\_\_ Long. \_\_\_\_\_

## WEATHER:

CLEAR

PRT. CLDY.

CLOUDY

## STREAM STAGE:

HIGH

MEDIUM

LOW

## PRECIP:

TODAY 0YESTERDAY 0THIS WEEK 1.5-2TEMP: AIR \_\_\_\_\_ WATER 60°F (LAKE UPSTREAM) STREAM GRADIENT: 7 %

WATER CLARITY: \_\_\_\_\_ SUBSTRATE COMPOSITION (%):

LEAR

MUD

STAINED

SAND 10

TURBID

GRAVEL 20

MUDDY

COBBLE 20

MURKY

BLDR/B-ROCK 30

100%

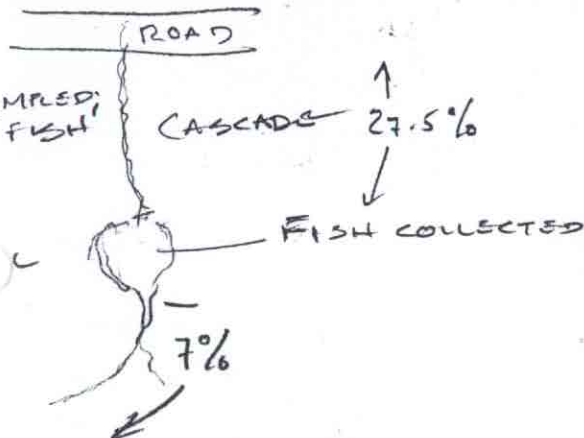
STREAM DIMENSIONS (ft):

WIDTH 20DEPTH, LEFT BANK 0DEPTH, RIGHT BANK 0DEPTH, MID-CHANNEL 2.0

VELOCITY: None 0 Slow 0-1 Medium 1-3 Fast 3+

MEASURED VELOCITY: \_\_\_\_\_

CHANNEL DIAGRAM (INCLUDE BANK &amp; STREAM FEATURES, VEGETATION):



ROLL NO. \_\_\_\_\_ FRAME NOS. \_\_\_\_\_

## CIRCLE DOMINANT CHANNEL TYPE:

Disposit Red Material	A	B	C	D	DA	E	F	G
1								
2								
3								
4								
5								
6								
ENTRH.	<1.4	1.4-2.2	>2.2	N/A	>2.2	>2.2	<1.4	<1.4
SIN.	<1.2	>1.2	>1.4	<1.1	1.1-1.6	>1.5	>1.4	>1.2
W/D	<12	>12	>12	>40	<40	<12	>12	<12
SLOPE	.04-.099	.02-.039	<.02	<.02	<.005	<.02	<.02	.02-.039

DOMINANT SLOPE RANGE	FLOOD-FRONT AREA - - - - -							
	A	B	C	D	DA	E	F	G
4-10%	2-4%	<2%	<4%	0.5%	<2%	<2%	2-4%	
CROSS-SECTION								
PLAN VIEW								
STREAM TYPES	Aa+	A	B	C	D	DA	E	F

FISH SAMPLING GEAR: EF TIME: 35 AREA: 150ft EFFIC: 50 % FISH STUNNED

CONDUCTIVITY: \_\_\_\_\_ umhos

CO	108							
K								
S								
P								
CH								
DV	160	138	122	117	130	180	128	88
RB/SH	165	130						

WILDLIFE OBSERVATIONS:

UNIT 608 HARVESTED 1992

NO BUFFER LEFT, PREVIOUSLY UNDOCUMENTED

SW 1/4 SECTION 32, T. 21S, R. 18W.

FISH STUNNED

V. BRIEFLY

HIDE IN ROCKS